# Public Health Reports.

(*Formerly "Abstract of Sanitary Reports."*)
Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

VOL. XI. WASHINGTON, D. C., APRIL 3, 1896. NO. 14.

## UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

*Smallpox in New Orleans, La.—Vaccination of river boatmen in that city.*

SIR: I have to acknowledge the receipt of your letter of the 11th instant, suggesting that the inspection and vaccination service which was carried on last spring be reinaugurated.

In reply, I have to state that, with regard to the inspection and vaccination of river boatmen at New Orleans, the Bureau will render you such assistance as you may require. You are directed to take such steps as may seem necessary and report same to this office.

Respectfully, yours, WALTER WYMAN,
*Supervising Surgeon-General, U. S. M. H. S.*

MEDICAL OFFICER IN COMMAND U. S. M. H. S.,
*New Orleans, La.*

NEW ORLEANS, LA., *March 21, 1896.*

*To masters, agents, and owners,*
*Mississippi River steamboats, New Orleans, La.*

GENTLEMEN: In view of the continued prevalence of smallpox in this city and the surrounding country and the danger of carrying the germs of the disease from one port to another on river steamboats, by direction of the Surgeon-General of the Service, it is proposed to vaccinate the officers and crews of outgoing steamers who are not protected by a recent successful vaccination or by a previous attack of the disease. A certificate of vaccination will be given to each man vaccinated, and to avoid the possibility of quarantine restrictions at various ports on the rivers, it is recommended that no person be employed on a river boat unless he produces a certificate of vaccination. Vaccinations will be made at the marine-hospital office, custom-house, between 9 a. m. and 4 p. m. and on board the steamers, if practicable, before sailing.

With your cooperation, as suggested, it is believed that the work of

vaccination, as outlined, will prove to be a valuable aid to the local health authorities in their efforts to suppress a loathsome disease.

HENRY W. SAWTELLE,
*Surgeon, U. S. M. H. S.*

NEW ORLEANS, LA., *March 26, 1896.*

*Surgeon in charge U. S. marine hospital, New Orleans, La.:*

SIR: At a meeting of this exchange yesterday a copy of your recent circular letter relative to the vaccination of the crews of the various steamboats represented, was read and discussed and it was unanimously agreed that such service should be accepted and the mates of all boats be instructed to ship up no men on deck who do not hold certificates of vaccination, and a disposition was manifested to lend a hearty cooperation in every way possible with your office and the local authorities for the suppression of the smallpox and the preservation of the general health. Your prompt and willing action was referred to and appreciated, and the ready response of your gentlemanly assistants had like appreciation, and, doubtless, your office will have many calls for such service.

Again thanking you, I am, very truly, yours,

CHAS. P. TRUSLOW,
*President Steamboat Captains' and Owners' Exchange.*

NEW ORLEANS, LA., *March 21, 1896.*

SIR: I have the honor to report that the officers and crew of the steamer *Imperial* of the Red River Line were vaccinated to-day by an officer of the service detailed for that purpose upon request of the president of the line. It is proposed to continue the vaccination of crews of river steamboats, but a sanitary inspector to do the work will not be needed at present. Should one be required I will nominate by telegraph. Necessary vaccine will be purchased here.

Very respectfully, HENRY W. SAWTELLE,
*Surgeon, U. S. M. H. S.*

NEW ORLEANS, LA., *March 24, 1896.*

SIR: I have the honor to report that a negro roustabout, suffering from smallpox, was sent to the city pesthouse from this hospital to-day.

Very respectfully, HENRY W. SAWTELLE,
*Surgeon, U. S. M. H. S.*

*Scarlet fever in Seattle, Wash. (Correction).*

Under date of March 10 the health officer for the city of Seattle calls attention to the report of scarlet fever in Seattle, published in the PUBLIC HEALTH REPORTS, Vol. XI, No. 9, page 179. He states that:

"During the year ended December 31, 1895, there were 264 cases and 7 deaths from scarlet fever reported. During January, 1896, there were 2 cases and no deaths. During February, 1896, there were 12 cases and 1 death. No public schools have been closed since June, 1895."

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to March 31, 1896.*

| Places. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| **Alabama:** | | | | |
| Mobile | Mar. 11-Mar. 13 | 2 | | |
| **Arizona:** | | | | |
| Hirshaw | Feb. 17 | 10 | | |
| Nogales | Jan. 6-Feb. 3 | 3 | | |
| **Arkansas:** | | | | |
| Crittenden County | Jan. 19 | 24 | 5 | |
| Faulkner County | Jan. 4-Feb. 8 | 27 | 4 | |
| Monroe County | To Feb. 8 | 43 | | |
| Jacksonport | Mar. 17 | 4 | | |
| Lee County | To Feb. 8 | 12 | 3 | |
| St. Francis County | do | 16 | 6 | |
| Pulaski County | do | 4 | | |
| Widener | Jan. 4 | 1 | | |
| Surrounded Hill | do | 1 | | |
| **Connecticut:** | | | | |
| Middletown | Feb. 11 | 1 | | |
| New Haven | Feb. 8 | 1 | | |
| **Florida:** | | | | |
| Pensacola | Mar. 18 | 1 | | |
| **Illinois:** | | | | |
| Cairo | Jan. 14-Feb. 15 | 15 | 2 | |
| Chicago | Dec. 1-Dec. 31 | | 2 | |
| Du Quoin, Perry County | Feb. 24 | 8 | | |
| **Indiana:** | | | | |
| Seymour | Jan. 29 | 1 | | |
| **Kentucky:** | | | | |
| Louisville | Mar. 9 | 1 | | |
| **Louisiana:** | | | | |
| New Orleans | Dec. 21-Dec. 28 | 10 | 2 | |
| | Dec. 28-Jan. 25 | 26 | 7 | |
| | Jan. 25-Feb. 22 | 36 | 13 | |
| | Feb. 22-Feb. 29 | 53 | 2 | |
| | Feb. 29-Mar. 7 | 45 | 14 | |
| | Mar. 7-Mar 14 | 116 | 10 | |
| | Mar. 14-Mar. 21 | 41 | 36 | |
| Shreveport | Feb. 26-Mar. 20 | 16 | 1 | |
| **Maryland:** | | | | |
| Baltimore | Mar. 7-Mar. 14 | 1 | | |
| **Michigan:** | | | | |
| Detroit | Dec. 14-Dec. 21 | | | Smallpox reported. |
| | Dec. 21-Dec. 28 | 3 | 1 | |
| | Dec. 28-Feb. 15 | 8 | 2 | |
| | Feb. 22-Feb. 29 | 3 | 3 | |
| | Mar. 1-Mar. 21 | 2 | 1 | |
| Bay City | Mar. 7-Mar. 21 | | | Do. |
| Imlay Township | Feb. 7-Mar. 21 | | | Do. |
| Ionia Township | do | | | Do. |
| Greenbush Township | Feb. 15-Feb. 22 | | | Do. |
| Rochester | Dec. 14-Dec. 21 | | | Do. |
| Saginaw | Feb. 1-Mar. 21 | | | Do. |
| Marine City | Mar. 7-Mar. 21 | | | Do. |
| Riga Township | Feb. 1-Feb. 29 | | | Do. |
| **Missouri:** | | | | |
| Birds Point | Jan. 14 | | | Do. |
| St. Louis | Jan. 21 | 1 | | |
| | Mar. 7-Mar. 14 | 1 | | |
| Lone Jack | Mar. 11 | 2 | | |
| New Madrid County | Mar. 11 | 37 | 8 | |
| Nevada | Mar. 11 | 1 | | |
| Pleasant Hills | Mar. 11 | 33 | 4 | |
| **New York:** | | | | |
| Brooklyn | Jan. 1-Jan. 31 | 2 | 1 | |
| **Ohio:** | | | | |
| Dayton | Feb. 27-Mar. 12 | | 4 | |
| | Mar. 19-Mar. 26 | 4 | | |
| Martins Ferry | Dec. 1-Dec. 28 | 139 | 3 | |
| **Pennsylvania:** | | | | |
| Knoxville | Dec. 17 | 1 | | |
| Brookville | Feb. 18 | 1 | | |
| Finleyville | Feb. 11 | 1 | | |
| Gilberton | Feb. 13 | 1 | | |
| Maltby | Feb. 17 | 1 | | |
| **Tennessee:** | | | | |
| Fayette County | Jan. 1-Jan. 31 | 1 | | |
| | Feb. 1-Feb. 29 | 3 | 1 | |
| Obion County | Jan. 1-Jan. 31 | 2 | | |
| | Feb. 1-Feb. 29 | 3 | | |
| Memphis | Dec. 15-Dec. 31 | 17 | | |
| | Jan. 1-Jan. 31 | 21 | | |
| | Feb. 1-Feb. 29 | 19 | | |
| | Mar. 7-Mar. 21 | 9 | | |

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to March 31, 1896*—Continued.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| Tennessee—*Continued.* | | | | |
| Shelby County | Dec. 15–Dec. 31 | 9 | | |
| | Jan. 1–Jan. 31 | 35 | | |
| | Feb. 1–Feb. 29 | 58 | 5 | |
| Alamo | Dec. 15–Dec. 31 | 6 | | |
| Tipton County | Feb. 1–Feb. 29 | 27 | | |
| Texas: | | | | |
| Center | Mar. 13 | 1 | | |
| Orange | Mar. 18 | 1 | | |
| El Paso | Mar. 4 | 1 | | |
| Houston | Feb. 1–Feb. 8 | 1 | | |
| Stevensville | Mar. 10 | 1 | | |
| Washington: | | | | |
| Port Townsend Quarantine | Feb. 18–Feb. 26 | 3 | | |
| Wisconsin: | | | | |
| Mukwonago | Feb. 6 | 1 | | |
| Waukesha | Feb. 6–Mar. 10 | 4 | | |
| Wausau | Dec. 28 | 1 | | |

## *Report of immigration at Boston for the two weeks ended March 28, 1896.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Boston, March 28, 1896.*

*Number of alien immigrants who arrived at this port during the two weeks ended March 28, 1896; also names of vessels and ports from which they arrived.*

| Date. | Vessel. | Where from. | No. of immigrants from Russia. | No. of immigrants. |
|---|---|---|---|---|
| 1896. | | | | |
| Mar. 15 | Steamship Boston | Yarmouth, Nova Scotia | | 112 |
| Do | Steamship Victorian | Liverpool, England | | 1 |
| Mar. 16 | Steamship Parkmore | London, England | | 3 |
| Do | Steamship Barstable | Port Morant, Jamaica | | 4 |
| Mar. 17 | Steamship Georgian | London, England | | 1 |
| Do | Steamship Sylvania | Liverpool, England | | 1 |
| Mar. 19 | Steamship Boston | Yarmouth, Nova Scotia | | 108 |
| Do | Steamship Halifax | Halifax, Nova Scotia | | 39 |
| Mar. 22 | Schooner I. V. Dexter | Liverpool, Nova Scotia | | 11 |
| Do | Steamship Boston | Yarmouth, Nova Scotia | | 113 |
| Mar. 23 | Steamship Angloman | Liverpool, England | | 2 |
| Mar. 25 | Steamship Brookline | Port Morant, Jamaica | | 3 |
| Do | Steamship Bostonian | London, England | | 3 |
| Mar. 26 | Steamship Boston | Yarmouth, Nova Scotia | | 188 |
| Do | Steamship Bothnia | Liverpool, England, and Queenstown, Ireland. | 2 | 248 |
| Do | Schooner Energy | Mahone Bay, Nova Scotia | | 1 |
| Do | Steamship Halifax | Halifax, Nova Scotia | | 41 |
| Mar. 28 | Schooner Myosotis | Port Medway, Nova Scotia | | 2 |
| | Total | | 2 | 881 |

THOMAS F. DELHANTY,
*Commissioner of Immigration.*

*Report of immigration at New York for the week ended March 28, 1896.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, March 30, 1896.*

*Number of alien immigrants who arrived at this port during the week ended March 28, 1896; also names of vessels and ports from which they arrived.*

| Date. | Vessel. | Where from. | No. of immigrants from Russia. | No. of immigrants. |
|---|---|---|---|---|
| 1896. | | | | |
| Mar. 22 | Steamship Pomeranian | Glasgow | 13 | 70 |
| Do | Steamship Hindoustan | Naples | | 515 |
| Mar. 23 | Steamship Maasdam | Rotterdam via Boulogne | 202 | 636 |
| Do | Steamship Island | Copenhagen, etc | | 188 |
| Do | Steamship La Normandie | Havre | 2 | 661 |
| Mar. 24 | Steamship Normannia | Genoa, Naples, etc | 2 | 919 |
| Do | Steamship Moravia | Hamburg | 586 | 812 |
| Mar. 25 | Steamship Ems | Bremen | 159 | 536 |
| Do | Steamship Chateau Yquem | Marseilles and Naples | | 1,193 |
| Mar. 26 | Steamship Ethiopia | Glasgow | 11 | 163 |
| Mar. 27 | Steamship Southwark | Antwerp | 26 | 275 |
| Do | Steamship Aller | Bremen | 18 | 374 |
| Do | Steamship California | Naples and Gibraltar | | 759 |
| Mar. 28 | Steamship Britannic | Liverpool and Queenstown | 1 | 303 |
| | Total | | 1,020 | 7,404 |

DR. J. H. SENNER,
*Commissioner of Immigration.*

*Report of immigration at Philadelphia for the week ended March 28, 1896.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Philadelphia, March 30, 1896.*

*Number of alien immigrants who arrived at this port during the week ended March 28, 1896; also names of vessels and ports from which they arrived.*

| Date. | Vessel. | Where from. | No. of immigrants from Russia. | No. of immigrants. |
|---|---|---|---|---|
| 1896. | | | | |
| Mar. 24 | Steamship Barrowmore | London and Swansea | | 1 |
| Do | Steamship Hibernian | Halifax | | 1 |
| Mar. 25 | Steamship Pennland | Liverpool and Queenstown | 14 | 142 |
| Mar. 28 | Steamship Nederland | Antwerp | 27 | 337 |
| | Total | | 41 | 481 |

JNO. J. S. RODGERS,
*Commissioner of Immigration.*

*Vessels arriving at, departing from, and remaining at United States quarantine stations.*

BRUNSWICK QUARANTINE.

*Week ended March 28, 1896.*

| Name of vessel. | Date of arrival. | Where from. | Destination. | Treatment of vessel and cargo. | Date of dep'ture. |
|---|---|---|---|---|---|
| Span. bg. Pedro Martinez* | Mar. 14 | Habana | Brunswick | Disinfected | Mar. 23 |
| Span. bg. Maria Louisa* | do | Manzanillo | do | do | Do. |
| Span. bg. Fe | Mar. 24 | Matanzas | do | Held for disinfection. | |
| Nor. bk. Banquila | Mar. 27 | Bahia | do | do | |

* Previously reported.

Four vessels inspected and passed.

## DELAWARE BREAKWATER QUARANTINE.

*Week ended March 28, 1896.*

Nine vessels inspected and passed.

## GULF QUARANTINE.

*Week ended March 21, 1896.*

| Name of vessel. | Date of arrival. | Where from. | Destination. | Treatment of vessel and cargo. | Date of dep'ture. |
|---|---|---|---|---|---|
| Nor. bk. Victor Pretot* | Mar. 6 | Santos | Mobile | Disinfected | Mar. 20 |

* Previously reported.

One vessel inspected and passed.

*Week ended March 28, 1896.*

| Name of vessel. | Date of arrival. | Where from. | Destination. | Treatment of vessel and cargo. | Date of dep'ture. |
|---|---|---|---|---|---|
| Nor. bk. Assyria | Mar. 23 | Rio de Janeiro. | Mobile | Held for disinfection. | |

One vessel inspected and passed.

## KEY WEST QUARANTINE.

*Week ended March 21, 1896.*

Three vessels inspected and passed.

## PORT TOWNSEND QUARANTINE.

*Week ended March 21, 1896.*

Four vessels inspected and passed.

NOTE.—British ship *Hankow*, from Callao, which entered quarantine February 15, 1896, with 2 cases of smallpox aboard, was disinfected and discharged February 25, 1896, leaving the 2 smallpox patients in quarantine.

## REEDY ISLAND QUARANTINE.

*Week ended March 28, 1896.*

Seventeen vessels inspected and passed.

## SAN DIEGO QUARANTINE.

*Week ended March 21, 1896.*

Two vessels inspected and passed.

## SOUTH ATLANTIC QUARANTINE.

*Week ended March 21, 1896.*

| Name of vessel. | Date of arrival. | Where from. | Destination. | Treatment of vessel and cargo. | Date of dep'ture. |
|---|---|---|---|---|---|
| Brit. bk. Mistletoe* | Mar. 6 | Santos | Savannah | Disinfected | Mar. 18 |
| Am. sc. Haraldine | Mar. 21 | Habana | do | Held for observation. | |

* Previously reported.

One vessel inspected and passed.

## SOUTHPORT QUARANTINE.

*Week ended March 28, 1896.*

Two vessels inspected and passed.

*Reports of States and yearly and monthly reports of cities.*

ILLINOIS—*Chicago.*—Month of February, 1896. Estimated population, 1,600,000. Total deaths, 1,988, including phthisis pulmonalis, 215; enteric fever, 89; scarlet fever, 3; diphtheria, 92; measles, 6, and whooping cough, 5.

KENTUCKY—*Louisville.*—Month of February, 1896. Estimated population, 211,100. Total deaths, 259, including phthisis pulmonalis, 30; enteric fever, 8; diphtheria, 5; croup, 4; and whooping cough, 1.

*Paducah.*—Two weeks ended March 7, 1896. Estimated population, 20,000. Total deaths, 14, including 1 from phthisis pulmonalis.

MAINE—*Portland.*—Four weeks ended March 21, 1896. Estimated population, 40,000. Total deaths, 76, including phthisis pulmonalis, 7; enteric fever, 2, and whooping cough, 1.

MICHIGAN.—Week ended March 21, 1896. Reports to the State board of health from 50 observers indicate that pneumonia, consumption, and diarrhea increased in area of prevalence. Phthisis pulmonalis is reported present during the week at 239 places, scarlet fever at 36, measles at 33, diphtheria at 19, enteric fever at 19, whooping cough at 8, and smallpox at 6 places—Bay City, Detroit, Imlay Township, Ionia, Marine City, and Saginaw.

MISSOURI—*Kansas City.*—Month of February, 1896. Estimated population, 150,000. Total deaths, 146, including phthisis pulmonalis, 4; diphtheria, 6; croup, 4, and whooping cough, 3.

NEW HAMPSHIRE—*Manchester.*—Month of February, 1896. Estimated population, 55,000. Total deaths, 80, including phthisis pulmonalis, 15; enteric fever, 5, and whooping cough, 1.

OHIO—*Dayton.*—Month of February, 1896. Estimated population, 85,000. Total deaths, 87, including phthisis pulmonalis, 13; scarlet fever, 1; diphtheria, 5, and croup, 2.

PENNSYLVANIA—*Pottsville.*—Four weeks ended March 24, 1896. Estimated population, 14,000. Total deaths, 21, including phthisis pulmonalis, 2, and diphtheria, 2.

## PUBLICATIONS RECEIVED.

Annual Report of the Board of Health of the City of Reading, Pa. 1895.

City of McKeesport, Pa.: Fourth Annual Report of the Board of Health to the City Councils, etc. 1895.

City of Newton, Mass.: Annual Report of the Board of Health for 1895.

City of Cambridge, Mass.: Annual Report of the Board of Health. 1895.

City of Memphis, Tenn.: Seventeenth Annual Report of the Board of Health. 1895.

City of Minneapolis, Minn.: Annual Report of the Department of Health. 1895.

City of Burlington, Vt.: Annual Report of the Health Officer to the City Council. 1895.

Town of Melrose, Mass.: Report of the Board of Health. 1895.

## MORTALITY TABLE, CITIES OF THE UNITED STATES.

| Cities. | Week ended. | Population, U. S. Census of 1890. | Total deaths from all causes. | Deaths from— Phthisis pulmonalis. | Yellow fever. | Smallpox. | Varioloid. | Cholera. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Allegheny, Pa | Mar. 28 | 105,287 | 39 | 4 | | | | | | | | | 2 | |
| Amesbury, Mass | do | 9,798 | 4 | 1 | | | | | | | | | | |
| Ashtabula, Ohio | do | 8,338 | 0 | | | | | | | | | | | |
| Baltimore, Md | do | 434,439 | 191 | 21 | | | | | | | | 1 | 1 | 3 |
| Battle Creek, Mich | do | 13,197 | 4 | 1 | | | | | | | | | | |
| Belleville, Ill | Mar. 21 | 15,361 | 5 | | | | | | | | | | | |
| Bennington, Vt | do | 6,391 | 4 | 1 | | | | | | | | | | |
| Do | Mar. 28 | 6,391 | 2 | | | | | | | | | | | |
| Beverly, Mass | do | 10,821 | 5 | 1 | | | | | | | | | | |
| Binghamton, N. Y | do | 35,005 | 11 | | | | | | | | | | | |
| Boston, Mass | do | 448,477 | 237 | 22 | | | | | | | 3 | 11 | 1 | 1 |
| Bridgeport, Conn | do | 48,866 | 27 | 1 | | | | | | | | 1 | 1 | |
| Bristol, R. I | do | 5,478 | 3 | | | | | | | | | | | |
| Brockton, Mass | Mar. 21 | 27,294 | 7 | | | | | | | | | | | |
| Brookline, Mass | do | 12,103 | 8 | 1 | | | | | | | | | | |
| Brooklyn, N. Y | Mar. 28 | 806,343 | 446 | 53 | | | | | | 1 | 4 | 26 | 9 | 2 |
| Butler, Pa | do | 8,734 | 2 | | | | | | | | | | | |
| Cambridge, Mass | do | 70,028 | 26 | 3 | | | | | | | | 1 | | 1 |
| Charleston, S. C | Mar. 21 | *54,955 | †37 | 8 | | | | | | | | | 2 | 1 |
| Chicago, Ill | do | 1,099,850 | 454 | 55 | | | | | | 10 | 2 | 18 | | 2 |
| Cincinnati, Ohio | Mar. 27 | 296,908 | 128 | 19 | | | | | | 2 | | 2 | 2 | 1 |
| Cleveland, Ohio | Mar. 28 | 261,353 | 99 | 9 | | | | | | 3 | | 5 | | 1 |
| Columbus, Ind | Mar. 21 | 6,719 | 3 | 1 | | | | | | | | | | |
| Do | Mar. 28 | 6,719 | 2 | 1 | | | | | | | | | | |
| Columbus, Ohio | do | 88,150 | 26 | 7 | | | | | | 2 | | | | |
| Council Bluffs, Iowa | Mar. 21 | 21,474 | 9 | 3 | | | | | | | | | | 1 |
| Dayton, Ohio | Mar. 26 | 61,220 | 24 | 1 | | | | | | | | 1 | | |
| Dedham, Mass | Mar. 21 | 7,123 | 2 | | | | | | | | | | | |
| Denver, Colo | do | 106,713 | 30 | 9 | | | | | | 2 | 1 | | | |
| Detroit, Mich | Mar. 28 | 205,876 | 112 | 4 | | | | | | | 1 | 1 | | |
| El Paso, Tex | Mar. 21 | 10,338 | 7 | | | | | | | | | | | |
| Emporia, Kans | do | 7,551 | 0 | | | | | | | | | | | |
| Everett, Mass | do | 11,068 | 2 | | | | | | | | | | | |
| Fall River, Mass | Mar. 28 | 74,398 | 28 | 2 | | | | | | | 1 | | | |
| Fitchburg, Mass | do | 22,037 | 9 | 1 | | | | | | | | | | |
| Flint, Mich | do | 9,803 | 1 | | | | | | | | | | | |
| Fort Worth, Tex | Mar. 21 | 23,076 | 7 | | | | | | | | | | | |
| Gloucester, Mass | do | 24,651 | 6 | 1 | | | | | | | | | | |
| Haverhill, Mass | Mar. 28 | 27,412 | 9 | | | | | | | 1 | | | | |
| Hoboken, N. J | Mar. 21 | 43,648 | 27 | 3 | | | | | | | | | | |
| Hornellsville, N. Y | Mar. 28 | 10,996 | 1 | | | | | | | | | | | |
| Ironton, Ohio | do | 10,939 | 4 | | | | | | | | | | | |
| Jacksonville, Fla | Mar. 21 | 17,201 | 14 | 2 | | | | | | | | | | |
| Jamestown, N. Y | do | 16,038 | 2 | | | | | | | | | | | |
| Jersey City, N. J | Mar. 22 | 163,003 | 104 | 7 | | | | | | | 2 | 8 | 3 | 1 |
| Johnstown, Pa | Mar. 21 | 21,805 | 8 | | | | | | | 1 | | | | |
| Kalamazoo, Mich | do | 17,853 | 3 | | | | | | | | | | | |
| Lawrence, Mass | do | 44,654 | 23 | | | | | | | 1 | | | | |
| Leominster, Mass | do | 7,269 | 0 | | | | | | | | | | | |
| Do | Mar. 28 | 7,269 | 1 | | | | | | | | | | | |
| Lowell, Mass | Mar. 28 | 77,696 | 38 | 2 | | | | | | 1 | | | | 1 |
| Ludington, Mich | Mar. 21 | 7,517 | 1 | | | | | | | | | | | |
| Do | Mar. 28 | 7,517 | 3 | | | | | | | | | | | |
| Lynchburg, Va | do | 19,709 | 13 | 1 | | | | | | | | | | |
| McKeesport, Pa | Mar. 21 | 20,741 | 12 | | | | | | | | | | | 1 |
| Medford, Mass | Mar. 28 | 11,079 | 6 | | | | | | | | | | | |
| Melrose, Mass | Mar. 21 | 8,519 | 2 | | | | | | | | | | | |
| Do | Mar. 28 | 8,519 | 2 | | | | | | | | | | | |
| Millville, N. J | Mar. 27 | 10,002 | 3 | | | | | | | | | | | |
| Milwaukee, Wis | Mar. 28 | 204,468 | 66 | 8 | | | | | | | | 4 | | |
| Minneapolis, Minn | Mar. 21 | 164,738 | 45 | 3 | | | | | | 2 | 1 | 2 | 1 | |

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 18; colored, 19.

## MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

| Cities. | Week ended. | Population, U. S. Census of 1890. | Total deaths from all causes. | Deaths from— Phthisis pulmonalis. | Yellow fever. | Smallpox. | Varioloid. | Cholera. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nashville, Tenn | Mar. 28 | 76,168 | 59 | 11 | | | | | | | | | 4 | |
| New Bedford, Mass | Mar. 27 | 40,733 | 21 | 2 | | | | | | | | 2 | | |
| New Brighton, S. I | Mar. 21 | 16,423 | 3 | | | | | | | | | | | |
| Newburyport, Mass | do | 13,947 | 3 | | | | | | | | | | | |
| New Haven, Conn | Mar. 26 | 81,298 | 28 | 4 | | | | | | | | | | |
| New Orleans, La | Mar. 21 | 242,039 | 194 | 19 | | 36 | | | | 1 | | 3 | | |
| Newport, R. I | Mar. 28 | 19,457 | 2 | | | | | | | | | | | |
| New York, N. Y | do | 1,515,301 | 918 | 108 | | | | | | 3 | 8 | 31 | 35 | 11 |
| Norristown, Pa | do | 19,791 | 5 | | | | | | | | | | | |
| North Adams, Mass | do | 16,074 | 12 | 3 | | | | | | | | | | |
| Northampton, Mass | Mar. 21 | 14,990 | 6 | 1 | | | | | | | | | | |
| Do | Mar. 28 | 14,990 | 5 | 1 | | | | | | | | | | |
| Omaha, Nebr | Mar. 21 | 140,452 | 12 | 4 | | | | | | | | | | |
| Oneonta, N. Y | Mar. 28 | 6,272 | 5 | 1 | | | | | | | | | | |
| Petersburg, Va | Mar. 24 | 22,680 | 8 | 1 | | | | | | | | | | |
| Philadelphia, Pa | Mar. 21 | 1,046,964 | 509 | 54 | | | | | | 4 | 3 | 16 | 16 | |
| Pittsburg, Pa | do | 238,617 | 119 | 8 | | | | | | 4 | 1 | | 3 | 1 |
| Pittsfield, Mass | Mar. 28 | 17,281 | 6 | 1 | | | | | | | | | | |
| Plainfield, N. J | Mar. 21 | 11,267 | 3 | | | | | | | | | | | |
| Do | Mar. 28 | 11,267 | 6 | 2 | | | | | | | | | | |
| Portland, Me | Mar. 22 | 36,425 | 26 | 2 | | | | | | 1 | | | | |
| Do | Mar. 28 | 36,425 | 12 | 1 | | | | | | | | | | |
| Providence, R. I | do | 132,146 | 55 | 5 | | | | | | 1 | 2 | 4 | | |
| Pueblo, Colo | Mar. 21 | 24,558 | 9 | 2 | | | | | | | | | | 2 |
| Reading, Pa | Mar. 30 | 58,661 | 19 | 1 | | | | | | 1 | | 2 | | |
| Richmond, Va | Mar. 21 | 81,388 | 25 | 1 | | | | | | | | | 1 | |
| St. Louis, Mo | Mar. 28 | 451,770 | 180 | 32 | | | | | | 2 | | 2 | 2 | 2 |
| Salt Lake City, Utah | Mar. 21 | 44,843 | 8 | 1 | | | | | | | | | | 1 |
| San Diego, Cal | do | 16,159 | 2 | | | | | | | | | | | |
| San Francisco, Cal | do | 298,997 | 127 | 27 | | | | | | 3 | | 1 | | |
| Santa Barbara, Cal | do | 5,864 | 1 | | | | | | | | | | | |
| Scranton, Pa | do | 75,215 | 25 | 2 | | | | | | | | | | |
| Seattle, Wash | do | 42,837 | 9 | 2 | | | | | | 1 | | | | |
| Sioux Falls, S. Dak | Mar. 20 | 10,177 | 2 | | | | | | | | | | | |
| Somerville, Mass | Mar. 28 | 40,152 | 15 | | | | | | | | 1 | | | |
| Spokane, Wash | Mar. 21 | 19,922 | 10 | 4 | | | | | | | | | | |
| Springfield, Mass | Mar. 28 | 44,179 | 14 | 4 | | | | | | 1 | | 1 | | |
| Sterling, Ill | Mar. 21 | 5,824 | 1 | | | | | | | | | | | |
| Superior, Wis | do | 11,983 | 4 | | | | | | | | | | | |
| Syracuse, N. Y | Feb. 29 | 88,143 | 138 | 15 | | | | | | | 4 | 4 | | |
| Taunton, Mass | Mar. 28 | 25,448 | 13 | 1 | | | | | | | | | | |
| Tiffin, Ohio | do | 10,801 | 3 | | | | | | | | | | | |
| Urbana, Ohio | do | 6,510 | 1 | | | | | | | | | | | |
| Virginia City, Nev | Mar. 21 | 8,511 | 2 | | | | | | | | | | | |
| Washington, D. C | do | 230,392 | 130 | 17 | | | | | | 1 | | 2 | 6 | 1 |
| Wilmington, Del | Mar. 28 | 61,431 | 24 | 5 | | | | | | | | 1 | | 1 |
| Worcester, Mass | Mar. 20 | 84,655 | 36 | 9 | | | | | | | | | | |
| Do | Mar. 27 | 84,655 | 36 | 6 | | | | | | | 1 | 3 | | |
| Yonkers, N. Y | do | 32,033 | 19 | 1 | | | | | | 1 | | 1 | | 1 |

*Table of temperature and rainfall, week ended March 23, 1896.*

[Received from Department of Agriculture, Weather Bureau.]

| Locality. | Temperature in degrees Fahrenheit. | | | Rainfall in inches and hundredths. | | |
|---|---|---|---|---|---|---|
| | Normal. | *Excess. | *Defic'ncy. | Normal. | Excess. | Deficiency. |
| **Atlantic Coast:** | | | | | | |
| Eastport, Me | 29 | 1 | | 1.14 | | .23 |
| Portland, Me | 32 | 0 | | .77 | .41 | |
| Northfield, Vt | 26 | | 3 | .56 | 1.62 | |
| Boston, Mass | 35 | 0 | | .91 | | .20 |
| Vineyard Haven, Mass | 36 | 2 | | 1.05 | | .60 |
| Nantucket, Mass | 35 | 1 | | .82 | .10 | |
| Woods Hole, Mass | 34 | 0 | | 1.10 | | |
| Block Island, R. I. | 35 | | 1 | .91 | | .21 |
| New Haven, Conn | 35 | | 3 | .93 | .31 | |
| Albany, N. Y | 34 | | 5 | .63 | .91 | |
| New York, N. Y | 38 | | 4 | .91 | .18 | |
| Harrisburg, Pa | 37 | | 4 | .84 | .35 | |
| Philadelphia, Pa | 38 | | 1 | .70 | .57 | |
| Atlantic City, N. J | 38 | | 2 | .91 | | .56 |
| Baltimore, Md | 43 | | 5 | .91 | .32 | |
| Washington, D. C | 42 | | 3 | .97 | .47 | |
| Lynchburg, Va | 44 | | 2 | .84 | .25 | |
| Cape Henry, Va | 45 | | 1 | 1.19 | | .73 |
| Norfolk, Va | 47 | | 2 | 1.05 | | .73 |
| Charlotte, N. C | 51 | | 8 | 1.06 | | .55 |
| Raleigh, N. C | 48 | | 3 | 1.08 | | .13 |
| Kittyhawk, N. C | 47 | | 1 | 1.29 | | .30 |
| Wilmington, N. C | 54 | | 5 | .91 | | .60 |
| Columbia, S. C | 55 | | 7 | 1.00 | | .32 |
| Charleston, S. C | 57 | | 6 | .91 | | .54 |
| Augusta, Ga | 56 | | 7 | 1.20 | | 1.02 |
| Savannah, Ga | 59 | | 7 | .84 | | .46 |
| Jacksonville, Fla | 62 | | 8 | .77 | | .56 |
| Jupiter, Fla | 71 | | 6 | .35 | .51 | |
| Key West, Fla | 73 | | 5 | .28 | .10 | |
| **Gulf States:** | | | | | | |
| Atlanta, Ga | 52 | | 5 | 1.40 | | .73 |
| Tampa, Fla | 66 | | 7 | .70 | | .14 |
| Pensacola, Fla | 61 | | 8 | 1.26 | .14 | |
| Mobile, Ala | 60 | | 8 | 1.80 | | .44 |
| Montgomery, Ala | 58 | | 8 | 1.47 | | 1.11 |
| Meridian, Miss | 54 | | 4 | 1.40 | .26 | |
| Vicksburg, Miss | 59 | | 9 | 1.52 | .30 | |
| New Orleans, La | 63 | | 8 | 1.19 | 1.14 | |
| Shreveport, La | 59 | | 8 | 1.05 | | .53 |
| Fort Smith, Ark | 53 | 7 | | .70 | .10 | |
| Little Rock, Ark | 54 | | 6 | 1.17 | .19 | |
| Palestine, Tex | 60 | | 9 | .98 | | .70 |
| Galveston, Tex | 63 | | 5 | .63 | .19 | |
| San Antonio, Tex | 63 | | 5 | .47 | | .43 |
| Corpus Christi, Tex | 65 | | 3 | .35 | | .11 |
| **Ohio Valley and Tennessee:** | | | | | | |
| Memphis, Tenn | 53 | | 8 | 1.33 | | .16 |
| Nashville, Tenn | 50 | | 6 | 1.12 | .06 | |
| Chattanooga, Tenn | 52 | | 7 | 1.33 | | .18 |
| Knoxville, Tenn | 49 | | 7 | 1.19 | | .45 |
| Louisville, Ky | 47 | | 10 | .87 | 1.00 | |
| Indianapolis, Ind | 41 | | 7 | .78 | .25 | |
| Cincinnati, Ohio | 44 | | 10 | .74 | .38 | |
| Columbus, Ohio | 40 | | 8 | .63 | .54 | |
| Parkersburg, W. Va | 42 | | 10 | .77 | .47 | |
| Pittsburg, Pa | 38 | | 6 | .61 | .82 | |
| **Lake Region:** | | | | | | |
| Oswego, N. Y | 30 | | 4 | .56 | .72 | |
| Rochester, N. Y | 31 | | 5 | .63 | 1.19 | |
| Buffalo, N. Y | 31 | | 4 | .56 | .38 | |
| Erie, Pa | 34 | | 5 | .63 | .17 | |
| Cleveland, Ohio | 34 | | 5 | .63 | | .05 |
| Sandusky, Ohio | 35 | | 5 | .56 | | .12 |
| Toledo, Ohio | 36 | | 6 | .49 | .19 | |
| Detroit, Mich | 35 | | 7 | .49 | | .01 |
| Lansing, Mich | 31 | | 4 | .57 | | .36 |
| Port Huron, Mich | 30 | | 5 | .56 | | .20 |
| Alpena, Mich | 24 | 0 | | .42 | | .37 |
| Sault Ste. Marie, Mich | 24 | | 6 | .28 | | .10 |
| Marquette, Mich | 23 | | 2 | .42 | | .35 |
| Green Bay, Wis | 27 | 0 | | .44 | | .25 |
| Grand Haven, Mich | 32 | | 4 | .53 | | .37 |

*The figures in these columns represent the average daily departure.

*Table of temperature and rainfall, week ended March 23, 1896*—Continued.

| Locality. | Temperature in degrees Fahrenheit. | | | Rainfall in inches and hundredths. | | |
|---|---|---|---|---|---|---|
| | Normal. | * Excess. | * Defic'ncy. | Normal. | Excess. | Deficiency. |
| **Lake Region**—*Continued.* | | | | | | |
| Milwaukee, Wis | 30 | | | .56 | | .45 |
| Chicago, Ill | 34 | | 2 | .57 | | .43 |
| Duluth, Minn | 25 | | 2 | .38 | | .29 |
| **Upper Mississippi Valley:** | | | | | | |
| St. Paul, Minn | 30 | | 5 | .34 | | .27 |
| La Crosse, Wis | 33 | | 4 | .35 | | .35 |
| Dubuque, Iowa | 35 | | 2 | .51 | | .51 |
| Davenport, Iowa | 36 | | 3 | .51 | | .41 |
| Des Moines, Iowa | 37 | | 6 | .35 | | .14 |
| Keokuk, Iowa | 39 | | 4 | .49 | | .17 |
| Springfield, Ill | 41 | | 6 | .56 | | .22 |
| Cairo, Ill | 48 | | 8 | .84 | | .25 |
| St. Louis, Mo | 44 | | 6 | .77 | .07 | |
| **Missouri Valley:** | | | | | | |
| Columbia, Mo | 42 | | 3 | .69 | | .14 |
| Springfield, Mo | 46 | | 8 | .70 | 1.06 | |
| Kansas City, Mo | 44 | | 7 | .49 | .04 | |
| Wichita, Kans | 45 | | 5 | .61 | .10 | |
| Concordia, Kans | 41 | | 5 | .42 | | .30 |
| Omaha, Nebr | 38 | | 9 | .33 | .34 | |
| Sioux City, Iowa | 35 | | 8 | .31 | | .10 |
| Yankton, S. Dak | 33 | | 5 | .23 | .01 | |
| Valentine, Nebr | 35 | | 3 | .27 | | .26 |
| Huron, S. Dak | 31 | | 6 | .16 | | .08 |
| Pierre, S. Dak | 33 | | 2 | .14 | | .07 |
| Moorhead, Minn | 23 | | 10 | .14 | | .04 |
| Bismarck, N. Dak | 26 | | 1 | .21 | | .20 |
| Williston, N. Dak | 27 | | 5 | .08 | | .04 |
| **Rocky Mountain Region:** | | | | | | |
| Havre, Mont | 32 | 0 | | .13 | | .07 |
| Helena, Mont | 36 | 4 | | .14 | .00 | |
| Miles City, Mont | 34 | | 4 | .14 | | .13 |
| Rapid City, S. Dak | 33 | 2 | | .25 | | .22 |
| Spokane, Wash | 41 | 6 | | .28 | | .10 |
| Wallawalla, Wash | 47 | 7 | | .35 | .09 | |
| Baker City, Oreg | 36 | 10 | | .39 | | .12 |
| Winnemucca, Nev | 42 | 7 | | .19 | .14 | |
| Salt Lake City, Utah | 43 | 5 | | .42 | | .15 |
| Lander, Wyo | 34 | 2 | | .21 | .25 | |
| Cheyenne, Wyo | 36 | | 2 | .14 | .10 | |
| North Platte, Nebr | 39 | | 5 | .14 | | .14 |
| Denver, Colo | 41 | 1 | | .17 | .09 | |
| Pueblo, Colo | 43 | | 1 | .10 | .01 | |
| Dodge City, Kans | 45 | | 6 | .21 | | .18 |
| Oklahoma City, Okla | 52 | | 7 | .79 | | .14 |
| Abilene, Tex | 57 | | 3 | .31 | | .27 |
| Santa Fe, N. Mex | 41 | 2 | | .16 | | .06 |
| El Paso, Tex | 57 | 3 | | .09 | | .09 |
| Phœnix, Ariz | 62 | 6 | | .18 | | .18 |
| **Pacific Coast:** | | | | | | |
| Port Angeles, Wash | 42 | 1 | | .49 | | .17 |
| Fort Canby, Wash | 47 | 2 | | 1.31 | | .04 |
| Astoria, Oreg | 49 | 1 | | 1.31 | .00 | |
| Portland, Oreg | 50 | 3 | | 1.28 | | .93 |
| Roseburg, Oreg | 50 | 7 | | .70 | .42 | |
| Eureka, Cal | 49 | 9 | | 1.28 | | .53 |
| Red Bluff, Cal | 56 | 5 | | .77 | | .42 |
| Carson City, Nev | 43 | | | | | |
| Sacramento, Cal | 57 | 4 | | .72 | | .55 |
| San Francisco, Cal | 55 | 5 | | .72 | | .57 |
| Fresno, Cal | 56 | 9 | | .28 | | .28 |
| Los Angeles, Cal | 57 | 9 | | .62 | | .61 |
| San Diego, Cal | 57 | | | | | |
| Yuma, Ariz | 66 | 6 | | .02 | | .02 |

* The figures in these columns represent the average daily departure.

# FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

*Cholera and yellow fever as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to March 31, 1896.*

## CHOLERA.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| **Argentine Republic:** | | | | |
| Buenos Ayres | Dec. 21-Dec. 28 | 3 | ..... | |
| **Austria-Hungary** | Nov. 19-Dec. 2 | 43 | 25 | From outbreak (August 23, 1895) to date 453 cases, 296 deaths. |
| | Dec. 10-Dec. 30 | 21 | 11 | |
| | Dec. 31-Jan. 27 | 16 | 11 | |
| **Egypt:*** | | | | |
| Ahmadieh | Nov. 6-Nov. 12 | 25 | 22 | |
| Ahu-el-Chekuk | Dec. 23-Jan. 4 | 2 | 1 | |
| Alexandria | Dec. 24-Dec. 31 | ..... | 1 | |
| | Jan. 4 | 1 | ..... | |
| | Jan. 11-Jan. 22 | 14 | 11 | |
| | Jan. 24-Jan. 29 | 7 | 6 | |
| | Feb. 1-Feb. 25 | ..... | 38 | |
| Arnie | Jan. 12-Jan. 14 | 7 | 2 | |
| | Jan. 25 | ..... | 1 | |
| Ayat | Jan. 15 | 1 | 1 | |
| Bigalat | Nov. 4-Nov. 13 | 7 | 7 | |
| Bossat | Jan. 6-Jan. 9 | 2 | ..... | |
| Bousrate | Nov. 4-Nov. 22 | 36 | 35 | |
| Borachia | Nov. 20-Dec. 17 | 22 | 34 | |
| | Jan. 2 | 2 | 2 | |
| Cairo | Dec. 7-Dec. 11 | 1 | 2 | |
| | Jan. 10-Jan. 11 | 1 | 1 | |
| Charkieh | Dec. 30-Dec. 31 | 2 | 2 | |
| | Jan. 11-Jan. 13 | 1 | 1 | |
| Damietta | Nov. 7-Dec. 23 | 86 | 79 | |
| El Daraksa | Nov. 7-Nov. 14 | 2 | 1 | |
| El Kurdi | Nov. 4-Nov. 11 | 7 | 7 | |
| | Dec. 29 | 1 | 1 | |
| Ezbet el Berg | Nov. 7-Nov. 25 | 32 | 25 | |
| Ezbet Khalafala Pacha | Nov. 7-Nov. 13 | 5 | 2 | |
| Farascoor | Nov. 14-Dec. 22 | 48 | 39 | |
| | Dec. 29-Jan. 7 | 2 | 2 | |
| Hehya | Dec. 8-Dec. 13 | ..... | 1 | |
| Kafr el Battekh | Dec. 6-Dec. 24 | 22 | 17 | |
| Kafr el Zoonar | Nov. 16-Nov. 20 | 4 | 2 | |
| Kafr Galailah | Dec. 19-Dec. 24 | 6 | 5 | |
| Kolonghil | Nov. 6-Nov. 9 | 1 | 1 | |
| Mansurah | Nov. 21-Dec. 17 | 1 | 1 | |
| | Dec. 29-Jan. 1 | 2 | 2 | |
| Matarieh | Nov. 4-Nov. 22 | 20 | 20 | |
| | Dec. 8 | 1 | 1 | |
| Menzaleh | Nov. 4-Nov. 16 | 35 | 41 | |
| Mit Chaddad | Jan. 7 | 1 | ..... | |
| Salamann | Nov. 8-Nov. 18 | 10 | 8 | |
| San el Hagar | Jan. 2-Jan. 3 | 1 | 1 | |
| Sawalem | Jan. 9-Jan. 27 | 1 | 1 | |
| | Jan. 30 | 1 | 1 | |
| Zarka | Dec. 6-Dec. 24 | 8 | 4 | |
| | Dec. 29-Jan. 8 | 6 | 4 | |
| Zagazig | Nov. 22-Dec. 18 | 6 | 4 | |
| | Jan. 1-Jan. 11 | 3 | 3 | |
| | Jan. 23-Jan. 25 | 2 | 2 | |
| **India:** | | | | |
| Bombay | Nov. 19-Dec. 24 | ..... | 15 | |
| | Jan. 14-Feb. 4 | ..... | 8 | |
| | Feb. 18-Feb. 25 | ..... | 1 | |
| Calcutta | Nov. 10-Dec. 28 | ..... | 332 | |
| | Dec. 28-Jan. 4 | ..... | 41 | |
| | Jan. 4-Jan. 31 | ..... | 165 | |
| | Feb. 1-Feb. 15 | ..... | 129 | |
| **Japan:** | | | | |
| Yokohama | Nov. 8-Nov. 15 | 1 | 1 | |
| Chiba Ken | Jan. 6-Jan. 25 | 20 | 13 | |
| | Jan. 24-Feb. 16 | 23 | 16 | |

*To date of December 18, 1895, 1,056 cases of cholera, with 874 deaths, have been reported throughout Egypt.

*Cholera and yellow fever, etc.*—Continued.

CHOLERA—Continued.

| Places. | Date. | Cases. | Deaths. | Remarks. |
|---|---|---|---|---|
| **Japan**—*Continued.* | | | | |
| Ibaraki Ken | Jan. 24-Feb. 3 | 3 | ..... | |
| | Feb. 12-Feb. 15 | ..... | 2 | |
| Fukuoka Ken | Feb. 29 | 1 | ..... | |
| **Morocco:** | | | | |
| Casa Blanca | Jan. 11 | ..... | ..... | Cholera reported. |
| Mazagan | Jan. 11 | ..... | ..... | Do. |
| Stellen | Dec. 15 | ..... | 13 | |
| **Russia:** | | | | |
| Kiev (government) | Oct. 13-Nov. 11 | 156 | 64 | |
| | Nov. 11-Dec. 21 | 52 | 24 | |
| | Dec. 22-Jan. 11 | 10 | 5 | |
| | Jan. 12-Jan. 25 | 12 | 14 | |
| Orlov | Nov. 3-Dec. 7 | 17 | 6 | |
| Orel (government) | Nov. 3-Dec. 7 | 17 | 6 | |
| St. Petersburg | Nov. 16-Dec. 1 | 85 | 31 | Cholerina. |
| | Dec. 1-Dec. 28 | 275 | 178 | Do. |
| | Dec. 28-Jan. 11 | 79 | 43 | |
| | Jan. 25-Feb. 15 | 15 | 13 | |
| | Feb. 22-Mar. 7 | ..... | 2 | |
| St. Petersburg (government) | Nov. 17-Dec. 7 | 21 | ..... | |
| | Dec. 8-Dec. 28 | 27 | 11 | |
| | Dec. 29-Jan. 11 | 8 | 8 | |
| | Jan. 12-Jan. 25 | 3 | ..... | |
| Volhynia (government) | Oct. 13-Nov. 10 | 2,297 | 952 | |
| | Nov. 10-Nov. 30 | 609 | 294 | |
| | Dec. 1-Dec. 14 | 104 | 55 | |
| | Dec. 14-Dec. 28 | 24 | 12 | |
| | Dec. 29-Jan. 11 | ..... | 1 | |
| **Turkey:** | | | | |
| Constantinople | Dec. 17-Jan. 15 | 3 | 3 | Reports dated January 21, 1896, state "about 1 death per week." |
| Brena | Jan. 17 | ..... | ..... | Cholera reported. |
| Bitlis and Seert | Jan. 15-Jan. 20 | 11 | 7 | |
| Diarbekir | Jan. 16 | ..... | ..... | Cholera reported in 3 localities. |
| Gazran | Dec. 21-Jan. 14 | 67 | 42 | |

YELLOW FEVER.

| | | | | |
|---|---|---|---|---|
| **Brazil:** | | | | |
| Ceara | Nov. 30 | 1 | 1 | |
| | Dec. 24-Dec. 31 | ..... | 4 | |
| Rio de Janeiro | Nov. 9-Nov. 30 | ..... | 43 | |
| | Dec. 1-Dec. 28 | ..... | 136 | |
| | Dec. 28-Jan. 11 | ..... | 190 | |
| | Jan. 11-Feb. 1 | ..... | 382 | |
| | Feb. 1-Feb. 8 | ..... | 111 | |
| | Feb. 8-Feb. 22 | ..... | 395 | |
| Pernambuco | Nov. 1-Nov. 15 | 8 | ..... | |
| | Jan. 1-Jan. 31 | 5 | 3 | |
| **Cuba:** | | | | |
| Cienfuegos | Dec. 8-Dec. 22 | ..... | 2 | |
| | Dec. 29-Jan. 19 | ..... | 5 | |
| | Feb. 16-Feb. 23 | ..... | 1 | |
| Habana | Nov. 28-Dec. 19 | 40 | 14 | |
| | Dec. 26-Jan. 2 | 7 | 3 | In military hospital. |
| | Jan. 2-Mar. 28 | 40 | 14 | |
| Santiago | Dec. 7-Dec. 21 | ..... | 29 | |
| | Dec. 21-Dec. 28 | ..... | 12 | |
| | Dec. 28-Jan. 4 | ..... | 15 | |
| | Jan. 4-Feb. 15 | ..... | 47 | |
| | Feb. 22-Feb. 29 | ..... | 15 | |
| | Mar. 1-Mar. 14 | ..... | 7 | |
| Sagua la Grande | Dec. 1-Dec. 21 | 43 | 3 | |
| | Dec. 25-Jan. 25 | 31 | 6 | |
| | Feb. 1-Feb. 15 | 8 | ..... | |
| **Mexico:** | | | | |
| Tuxpan | Jan. 11-Jan. 25 | ..... | 4 | |
| **Puerto Rico:** | | | | |
| San Juan | Nov. 29-Dec. 20 | 63 | 23 | |
| | Dec. 20-Jan. 17 | 104 | 24 | |

### *Cholera notes.*

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, March 11, 1896.]

EGYPT.—According to a late report there were 7 new cases and 7 deaths reported at Alexandria from February 6 to 13.

EAST INDIES—*Calcutta.*—From January 19 to 25 there were 45 cholera deaths.

### *Current quarantine measures.*

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, March 11, 1896.]

RUSSIA.—According to advices of February 28, the governments of Volhynia and Kiew are declared free from cholera.

TURKEY.—Vessels which have left the port of Alexandria since February 26 are subject to five days' quarantine. Arrivals from Egyptian ports of the Mediterranean Sea are subject to forty-eight hours' quarantine of observation at Beirut, Tripolis (Africa), or Klazomena, and to disinfection of clothing and effects. For passenger vessels leaving Egyptian ports of the Red Sea for the Hedjaz, ten days' quarantine is ordered at Abu Saad; for vessels not carrying passengers, arriving from Egyptian ports other than Alexandria, official inspection at the first port provided with a sanitary physician is ordered.

SPAIN.—By royal order of February 26, quarantine against vessels from Yokohama, arriving under normal conditions, is suspended.

PORTUGAL.—By ministerial order of February 27, arrivals from Volhynia and Podolia are declared clean.

## CUBA.

### *Sanitary report of Santiago.*

SANTIAGO DE CUBA, *March 14, 1896.*

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba for the week ended March 14. The total number of deaths for that period was 46. Of these, 1 was from yellow fever, 5 from remittent fever, 6 from tuberculosis, 5 from enteric fever, 4 from pernicious fever, 6 from heart affections, and the rest from diseases of noncontagious character.

Yellow fever seems declining, but this is only apparently so, owing to the absence of all the troops at present, the garrison duty being performed by native volunteers. Several cases of smallpox have made their appearance, but so far no death has been recorded this week. The rainy season has just commenced and I expect it will be a sickly one, as already want and misery are beginning their deadly work among the poorer classes.

The following vessels have been dispatched during the last week: British steamship *Earnford*, for Philadelphia; British steamship *Cheniston*, for Philadelphia; Spanish brig *Margarita*, for Brunswick, Ga.; British steamship *Acme*, for Philadelphia; American schooner *Anna E. Kranz*, for Apalachicola, and American steamship *Niagara*, for New York (visé bill of health).

Respectfully,

HENRY S. CAMINERO, M. D.,
*Sanitary Inspector, U. S. M. H. S.*

## GIBRALTAR.

*Quarantine notice.*

GIBRALTAR, *March 9, 1896.*

The board of health this day decided that all vessels from Alexandria shall be subject to quarantine on arrival, unless they have completed twelve days from date of departure and have health on board.

By order, JOHN C. KING,
*Secretary to the Board of Health.*

## JAPAN.

*One cholera case in Fukuoka Ken.*

YOKOHAMA, *March 4, 1896.*

SIR: I have the honor to report that the official returns of the Japanese Home Department show 1 case of cholera as having occurred in the ken of Fukuoka on February 29.

I am, sir, very respectfully,

STUART ELDRIDGE, M. D.,
*Sanitary Inspector, U. S. M. H. S.*

## STATISTICAL REPORTS.

AUSTRALIA—*New South Wales.*—Month of January, 1896. Estimated population, 408,500. Total deaths, 650, including enteric fever, 17; scarlet fever, 2; diphtheria, 2, and whooping cough, 2.

BERMUDA.—Three weeks ended March 20, 1896. Estimated population, 15,013. Total deaths, 2. No deaths from contagious diseases.

CUBA—*Habana.*—Under date of March 28, 1896, the United States sanitary inspector reports as follows:

There were 160 deaths in this city during the week ended March 26, 1896. Two of those deaths were caused by yellow fever, 2 by enteric fever, 6 by so-called pernicious fever, 1 by diphtheria, 5 by enteritis, 6 by smallpox, 16 by pneumonia, and 10 by la grippe.

The 2 deaths by yellow fever during the week occurred in the military hospital.

JAMAICA—*Kingston.*—Month of February, 1896. Estimated population, 19,264. Total deaths, 123, including 1 from diphtheria.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 33 great towns of England and Wales during the week ended March 14 correspond to an annual rate of 20 a thousand of the aggregate population, which is estimated at 10,860,971. The lowest rate was recorded in Croydon, viz, 12.4, and the highest in Sunderland, viz, 24.1 a thousand.

*London.*—One thousand seven hundred and fifty-two deaths were registered during the week, including measles, 137; scarlet fever, 21; diphtheria, 45; whooping cough, 110; enteric fever, 10, and diarrhea and dysentery, 10. The deaths from all causes corresponded to an annual rate of 20.6 a thousand. In greater London 2,177 deaths were registered,

corresponding to an annual rate of 18.5 a thousand of the population. In the "outer ring" the deaths included 12 from diphtheria, 30 from measles, 3 from scarlet fever, and 18 from whooping cough.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended March 14 in the 16 principal town districts of Ireland was 26.5 a thousand of the population. The lowest rate was recorded in Waterford, viz, 15, and the highest in Galway, viz, 49.1 a thousand. In Dublin and suburbs 190 deaths were registered, including scarlet fever, 4; enteric fever, 3, and whooping cough, 2.

*Scotland.*—The deaths registered in 8 principal towns during the week ending March 14 corresponded to an annual rate of 19.6 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Paisley, viz, 12.8, and the highest in Perth, viz, 27.4 a thousand. The aggregate number of deaths registered from all causes was 571, including smallpox, 1; measles, 9; scarlet fever, 7; diphtheria, 3, and whooping cough, 35.

INDIA—*Singapore.*—Month of December, 1895. Estimated population, 56,000. Total deaths, 735, including smallpox, 1, and beriberi, 85.

TURKEY—*Constantinople.*—Month of October, 1895. Estimated population, 700,000. Total deaths, 798, including 5 from smallpox.

## MORTALITY TABLE, FOREIGN CITIES.

| Cities. | Week ended. | Estimated population. | Total deaths from all causes. | Deaths from— Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acapulco | Mar. 13 | 5,000 | 6 | | | | | | | | | |
| Aix la Chapelle | Mar. 7 | 110,736 | 62 | | | | | | | | 1 | |
| Alexandria | Feb. 25 | 231,396 | 181 | 15 | | | | 2 | 1 | 2 | | 1 |
| Amherstburg | Mar. 21 | 2,300 | 1 | | | | | | | | | |
| Amsterdam | Mar. 14 | 456,351 | 177 | | | | | 2 | 2 | 4 | | 5 |
| Antwerp | Feb. 29 | 269,623 | 77 | | | | | | | | 3 | 1 |
| Belfast | Mar. 14 | 277,354 | 145 | | | | | 2 | 4 | 3 | 1 | 9 |
| Belleville | Mar. 26 | 10,318 | 4 | | | | | | | | | |
| Birmingham | Mar. 14 | 496,751 | 192 | | | | | 2 | 2 | 9 | 11 | 14 |
| Bombay | Feb. 25 | 821,764 | 571 | 1 | | 21 | | | | | 4 | |
| Bradford | Mar. 14 | 221,610 | 76 | | | | | | | | | 3 |
| Bremen | Mar. 7 | 142,000 | 54 | | | | | | | 3 | 1 | |
| Brunswick | do | 115,000 | | | | | | | 4 | 4 | | |
| Brussels | do | 507,985 | 205 | | | | | 3 | 1 | 6 | 5 | 2 |
| Cairo | Mar. 25 | 374,838 | 328 | | | 5 | | 1 | | | 1 | 2 |
| Calcutta | Feb. 15 | 681,560 | 561 | 63 | | 2 | | | | | | 1 |
| Catania | Mar. 10 | 120,000 | 47 | | | | | | 1 | | 1 | |
| Chatham | Mar. 21 | 9,052 | 2 | | | | | | | 1 | | |
| Christiania | Mar. 7 | 174,717 | 69 | | | | | | 1 | | 1 | 2 |
| Do | Mar. 14 | 174,717 | 60 | | | | | | | | 1 | |
| Cienfuegos | Mar. 15 | 23,000 | 28 | | | | | | | | | |
| Do | Mar. 22 | 23,000 | 21 | | | 1 | | 1 | | | | |
| Coaticook | Mar. 21 | 2,500 | 0 | | | | | | | | | |
| Cognac | Mar. 14 | 17,500 | 8 | | | | | | | | | |
| Cologne | Mar. 7 | 322,658 | 14 | | | | | | 2 | 3 | 6 | 3 |
| Colombo | Feb. 15 | 130,000 | 79 | | | | | | | | | |
| Do | Feb. 22 | 130,000 | 89 | | | | | 1 | | | | |
| Copenhagen | Feb. 29 | 333,714 | 88 | | | | | 1 | 2 | 1 | | 2 |
| Corunna | do | 32,113 | 27 | | | 1 | | 2 | | | | |
| Do | Mar. 7 | 32,113 | 36 | | | 1 | | | | | | |
| Do | Mar. 14 | 32,113 | 37 | | | 1 | | 1 | | | | |
| Crefeld | Mar. 7 | 107,000 | 35 | | | | | | | 1 | | |
| Do | Mar. 14 | 107,000 | 30 | | | | | | | 1 | | |
| Dresden | Feb. 29 | 334,066 | 149 | | | | | | | 2 | | 1 |
| Do | Mar. 7 | 334,066 | 115 | | | | | | | 1 | | 2 |
| Dundee | Mar. 14 | 161,620 | 57 | | | | | | | | 1 | 1 |
| Dusseldorf | Mar. 7 | 175,161 | 54 | | | | | | | 1 | | |
| Edinburgh | Mar. 14 | 276,514 | 101 | | | | | 2 | 2 | 2 | | 1 |
| Flushing | Mar. 11 | 16,200 | 8 | | | | | | | | | |
| Frankfort on the Main | Mar. 14 | 228,750 | 81 | | | | | | | 2 | | 2 |
| Funchal | Mar. 7 | 35,665 | 14 | | | | | 1 | | | | |
| Ghent | Mar. 14 | 157,214 | 71 | | | | | 2 | 1 | 2 | | 1 |
| Gibraltar | Mar. 8 | 25,800 | 15 | | | | | | | | | |
| Girgenti | Mar. 7 | 24,428 | 12 | | | | | 1 | | | | |
| Glasgow | Mar. 14 | 705,052 | 274 | | | | | 4 | 1 | | 7 | 23 |
| Gothenburg | Feb. 29 | 111,234 | 38 | | | | | | 1 | | | |
| Do | Mar. 7 | 111,234 | 43 | | | | | | 1 | | | |
| Halifax | Mar. 21 | 38,700 | 15 | | | | | | | | | |
| Hamburg | Mar. 7 | 625,552 | 232 | | | | | | | 2 | 2 | 3 |
| Do | Mar. 14 | 625,552 | 208 | | | | | 2 | | 6 | 1 | 5 |
| Hanover | Feb. 15 | 209,000 | 65 | | | | | | 1 | | | |
| Do | Feb. 22 | 209,000 | 64 | | | | | | | | | |
| Do | Feb. 29 | 209,000 | 72 | | | | | | | | | |
| Hongkong | Feb. 8 | 232,662 | (a) | | | | | | | | | |
| Do | Feb. 15 | 232,662 | (b) | | | | 1 | | | | | |
| Kingston, Canada | Mar. 27 | 17,955 | 4 | | | | | | | | | |
| Konigsberg | Mar. 14 | 171,700 | | | | | | | 1 | | | |
| Leeds | do | 395,546 | 176 | | | | | | | | 5 | 13 |
| Leghorn | do | 103,434 | 47 | | | | | 1 | | | | |
| Leith | do | 74,110 | 30 | | | | | | 1 | | | |
| Licata | Mar. 7 | 20,000 | 14 | | | | | | | | | |
| Liége | Mar. 14 | 160,848 | 59 | | | | | | 4 | | | |
| Liverpool | do | 641,063 | 299 | | | | 1 | 2 | 5 | 8 | 10 | 11 |
| London, Canada | Mar. 21 | 35,000 | 10 | | | | | | | | | |
| London, England | Mar. 14 | 6,150,500 | 2,177 | | | | | 13 | 24 | 57 | 167 | 128 |
| Lyons | Mar. 22 | 500,000 | 206 | | | | | 1 | 1 | 1 | 6 | 1 |
| Do | Mar. 29 | 500,000 | 192 | | | | | 1 | | | 3 | 1 |
| Madras | Feb. 21 | 452,518 | 298 | | | | | | | | 8 | |
| Madrid | Mar. 10 | 482,816 | 441 | | | 8 | 2 | | 2 | 3 | | |
| Magdeburg | Feb. 8 | 214,861 | 79 | | | | | | 1 | 8 | 1 | 3 |
| Manchester | Mar. 14 | 531,697 | 229 | | | | | 3 | 1 | 5 | 15 | 8 |
| Maracaibo | do | 42,000 | 18 | | | | | | | | | |

*a* Eleven deaths from plague. *b* Seventeen deaths from plague.

## MORTALITY TABLE, FOREIGN CITIES—Continued.

| Cities. | Week ended. | Estimated population. | Total deaths from all causes. | Deaths from— Cholera. | Yellow fever. | Smallpox. | Typhus fever. | Enteric fever. | Scarlet fever. | Diphtheria. | Measles. | Whooping cough. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Matamoras | Mar. 20 | 8,000 | 5 | | | | | | | | | |
| Mayence | Mar. 7 | 74,917 | 31 | | | | | | | | | |
| Do | Mar. 14 | 74,197 | 22 | | | | | | | | | |
| Messina | Mar. 14 | 107,000 | 30 | | | | | | | | | |
| Montevideo | Feb. 8 | 215,061 | 60 | | | | | | | | | |
| Moscow | Feb. 29 | 800,000 | 476 | | | | 7 | 1 | 6 | 11 | 5 | 2 |
| Munich | Mar. 7 | 406,000 | 199 | | | | | | 1 | 6 | 7 | 2 |
| Naples | Mar. 9 | 570,000 | 190 | | | 2 | | 1 | | | | |
| Newcastle on Tyne | Mar. 14 | 212,223 | 82 | | | | | | | 2 | 8 | |
| Nuremberg | Feb. 29 | 162,380 | 78 | | | | | | | 1 | | |
| Odessa | Mar. 7 | 353,000 | 155 | | | 3 | | | 2 | 2 | | |
| Osaka and Hiogo | Feb. 15 | 158,693 | a 63 | | | | | 3 | | | | |
| Do | Feb. 22 | 158,693 | 65 | | | | | 1 | | 1 | | |
| Palermo | Mar. 7 | 273,000 | 147 | | | | | | 2 | | | |
| Paris | Feb. 29 | 2,424,705 | 1029 | | | | | 3 | 3 | 11 | 28 | 5 |
| Do | Mar. 7 | 2,424,705 | 985 | | | 2 | | 4 | 5 | 15 | 14 | 3 |
| Plymouth | Mar. 14 | 86,781 | 30 | | | | | 1 | | 1 | | |
| Port au Prince | Mar. 2 | 40,000 | 19 | | | | | | | | | |
| Do | Mar. 9 | 40,000 | 31 | | | | | | | | | |
| Do | Mar. 16 | 40,000 | 21 | | | | | | | | | |
| Prague | Mar. 7 | 196,377 | 128 | | | | | | 1 | 1 | 2 | 1 |
| Puerto Cortez | Mar. 18 | 1,856 | 0 | | | | | | | | | |
| Quebec | Mar. 14 | 70,000 | | | | | | | | 1 | | |
| Do | Mar. 21 | 70,000 | | | | | | | | 1 | | |
| Rheims | Mar. 14 | 105,408 | 48 | | | | | 1 | | 1 | 1 | |
| Rotterdam | do | 276,338 | 102 | | | | | | 1 | | | |
| Sagua la Grande | Mar. 13 | 17,536 | 17 | | | | | | | | | |
| St. Johns, Antigua | Mar. 14 | 16,679 | 5 | | | | | | | | | |
| St. George's | do | 2,150 | 0 | | | | | | | | | |
| Do | Mar. 21 | 2,150 | 0 | | | | | | | | | |
| St. Petersburg | Feb. 29 | 954,400 | 692 | | | 3 | 2 | 36 | 19 | 14 | 27 | 5 |
| Do | Mar. 7 | 954,400 | 706 | | | 4 | | 31 | 26 | 11 | 33 | 2 |
| St. Stephens | Mar. 21 | 3,000 | 2 | | | | | | | | | |
| St Thomas | Feb. 28 | 12,019 | 4 | | | | | | | | | |
| Do | Mar. 6 | 12,019 | 9 | | | | | | | | | |
| San Juan del Norte | Mar. 7 | 1,280 | 1 | | | | | | | | | |
| Do | Mar. 14 | 1,280 | 1 | | | | | | | | | |
| Schiedam | do | 26,233 | 10 | | | | | | | | | |
| Sheffield | do | 347,202 | 115 | | | | | 1 | 1 | 4 | 3 | 9 |
| Sonneberg | Mar. 1 | 12,150 | 4 | | | | | | | | | |
| Southampton | Mar. 14 | 94,093 | 31 | | | | | | 1 | 1 | | |
| South Shields | do | 92,773 | 33 | | | | | 1 | | | | |
| Stockholm | Mar. 7 | 249,304 | 82 | | | | | | | 2 | | 3 |
| Stuttgart | Mar. 12 | 158,378 | 47 | | | | | | | 1 | | |
| Sunderland | Mar. 14 | 140,386 | 65 | | | | | 1 | 1 | | 4 | 3 |
| Swansea | Mar. 7 | 95,370 | 36 | | | | | 1 | | | | |
| Tegucigalpa | do | 12,000 | 4 | | | | | | | | | |
| Trapani | do | 43,095 | 11 | | | | | | | | | |
| Trieste | do | 158,314 | 99 | | | | | | 1 | 6 | | |
| Truxillo | do | 4,000 | 0 | | | | | | | | | |
| Do | Mar. 14 | 4,000 | 0 | | | | | | | | | |
| Tuxpam | Mar. 7 | 10,280 | 6 | | | 1 | | | | | 2 | |
| Do | Mar. 14 | 10,280 | 7 | | | 1 | | | | | | |
| Venice | Mar. 7 | 161,924 | 156 | | | | | | | 1 | 17 | 1 |
| Vera Cruz | Mar. 19 | 27,065 | 18 | | | | | | | | | |
| Warsaw | Feb. 29 | 535,968 | 247 | | | 3 | 1 | | 3 | 2 | | 1 |
| Do | Mar. 7 | 535,968 | 227 | | | | 1 | 1 | 2 | 4 | | 1 |
| Zurich | do | 140,000 | 58 | | | | | | | 2 | | |

a One death from plague.

**By authority of the Secretary of the Treasury:**

WALTER WYMAN,

*Supervising Surgeon-General U. S. Marine-Hospital Service.*